

Patent claims

1. A biopsy material holding device for a biopsy cannula (4) to perform transcutaneous biopsies of tissue, in particular hard tissue and bone marrow tissue by means of a biopsy material holding device that can be inserted into the proximal end of a biopsy cannula (4) and is inserted between the inner wall of a biopsy cannula (4) and the tissue-removing cylinder, **characterised in that** a wire (3) with a bevelling (5) is arranged at the distal end of the wire (3) at a biopsy material holding device and the wire (3) having a Pre-stress angle (2).

2. A biopsy material holding device for a biopsy cannula (4) according to claim 1 **characterised in that** the biopsy material holding device is made of a wire (3) attached to a grip end (22).
3. A biopsy material holding device for a biopsy cannula (4) according to claim 1 **characterised in that** that the biopsy material holding device is composed of a grip end (22) with an attached extension shank (1) and that a wire (3) is fastened to the shank (1).
4. A biopsy material holding device for a biopsy cannula (4) according to claim 1 **characterised in that** the wire (3) has a tip with a bevelling (5) and the tip with bevelling (5) has a bevelling angle B of 5° to 85° , preferably 20° , and is facing the biopsy material cylinder (6).
5. A biopsy material holding device for a biopsy cannula (4) according to claims 1 and 4 **characterised in that** the bevelling (5) of the wire (3) is either hollow ground or bulged.
6. A biopsy material holding device for a biopsy cannula (4) according to claim 1 **characterised in that** the wire (3) with a pre-stress angle (2) is arranged at the centre of the grip end (22), with the pre-stress angle (2) being between 1° and 90° .

7. A biopsy material holding device for a biopsy cannula (4) according to claim 1 **characterised in that** the wire (3) has a length that corresponds to that of the biopsy cannula (4) at ends at the latter's ending.
8. A biopsy material holding device for a biopsy cannula (4) according to claim 1 **characterised in that** the grip end (22) can be locked into the grip end (20) of the biopsy cannula (4).
9. A biopsy material holding device for a biopsy cannula (4) according to claim 3 **characterised in that** the wire (3) is firmly connected to the distal end of the shank (1) and a pre-stress angle (2) between 1° and 90° is provided, according to the specific application.
10. A biopsy material holding device for a biopsy cannula (4) according to claim 3 **characterised in that** the length of the wire (3) is preferably 25 mm and ends at the direct end of a known biopsy cannula (4) after insertion of the shank (1) and locking of the grip end (22) into the grip (20) of the biopsy cannula (4).
11. A biopsy material holding device for a biopsy cannula (4) according to claim 1 **characterised in that** the wire (3) has a roughened surface and is shaped in an optional profile with the cross-section of the wire (3) being dimensioned in such a manner that fastening of the wire (3)

at the distal end of the biopsy cannula (4) conditions a minimal pinch artefacture with a diameter of preferably ca. 0.35 mm.

12. A biopsy material holding device for a biopsy cannula (4) according to claim 3 **characterised in that** the wire (3) is arranged without a pre-stress angle (2) at the side of the shank (1) and thus fits closely to the interior wall of the biopsy cannula (4).